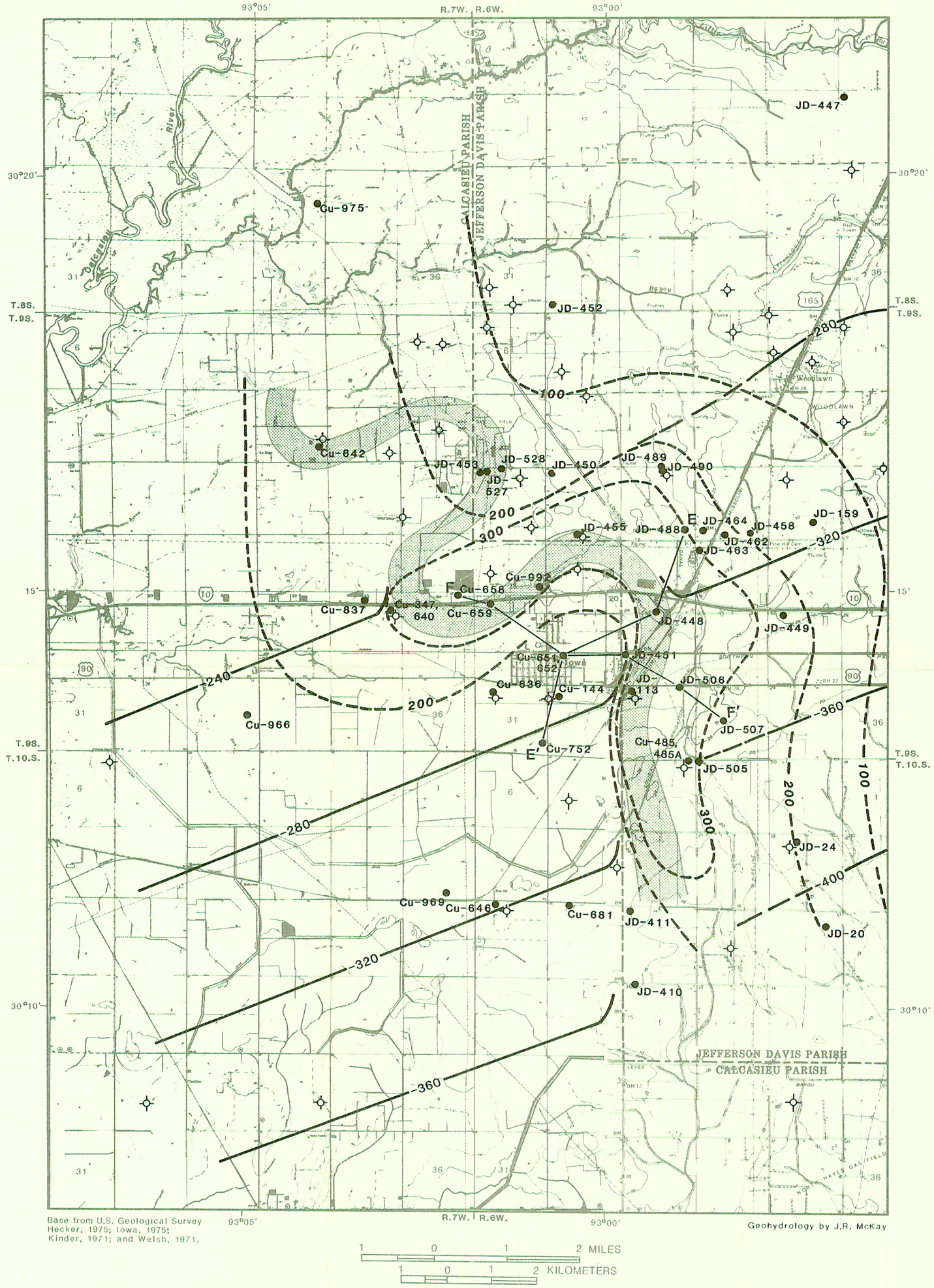
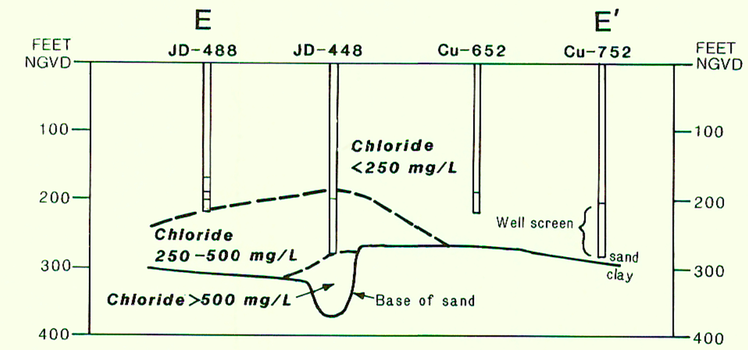


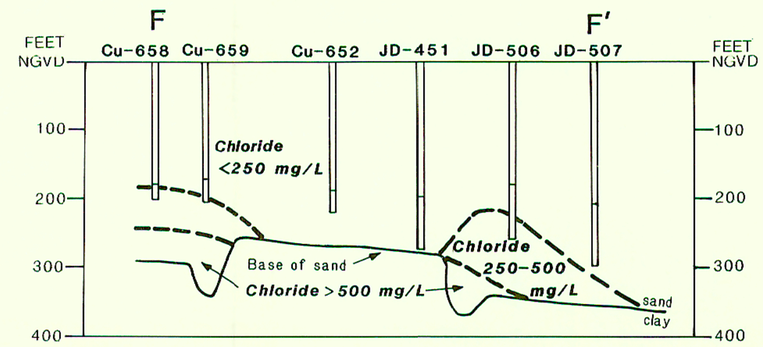
Base from U.S. Geological Survey Hecker, 1975; Iowa, 1975; Kinder, 1971; and Welsh, 1971.

Geohydrology by J.R. McKay

1 0 1 2 MILES

1 0 1 2 KILOMETERS





1 0 1 2 MILES

1 1 2 KILOMETERS

Cross sections showing variation in chloride concentration in relation to location of the channel in the base of the "upper sand" in the vicinity of the town of Iowa

EXPLANATION

Approximate location of buried stream channel at base of aquifer in vicinity of town of Iowa

—320— STRUCTURE CONTOUR--Shows altitude of base of aquifer. Dashed where approximately located. Contour interval 40 feet. National Geodetic Vertical Datum of 1929.

GEOLOGIC CONTROL POINT

--- 200 --- LINE OF EQUAL CHLORIDE CONCENTRATION-- Of water from wells in "upper sand". Interval 100 milligrams per liter

JD-24 WATER WELL AND PARISH WELL NUMBER-- Screened in "upper sand"

E E' Geohydrologic section

PLATE 3. ALTITUDE OF THE BASE OF AND CHLORIDE CONCENTRATION IN THE "UPPER SAND" OF THE CHICOT AQUIFER SYSTEM NEAR IOWA, LOUISIANA.